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In the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

1-19. (canceled)

20. (previously presented) A device for producing insulation elements made of mineral wool containing a curable binder from insulation material having a rectangular cross section, comprising:

a conveyor configured to having the insulation material deposited thereon prior to curing; and

a curing oven configured to have the insulation material transported thereto via the conveyor, the curing oven having a molding device therein;

the molding device reducing a cross section of a gap through which the insulation material is transported within the curing oven and compacting the insulation material as it passes therethrough; and

the molding device being configured to provide at least one permanent impression and/or at least one deformation in the insulation material.

- 21. (previously presented) The device of claim 20, wherein: the curing oven comprises a tunnel furnace.
- 22. (previously presented) The device of claim 20, wherein:

the molding device is integrated in a conveyor unit within the curing oven, the conveyor unit comprising at least one first molding element to form the at least one permanent impression and/or at least one deformation, during which process, as a result of contact with a molding surface of the at least one first molding element, the insulation material to be molded assumes a cross-sectional profile that deviates from the rectangular cross section of the insulation material entering the molding device.

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23. (previously presented) The device of claim 22, wherein:

the at least one first molding element is configured to contact the insulation material with a pressure contact.

24. (previously presented) The device of claim 22, wherein:

the molding device has at least one second molding element opposite the at least one first molding element.

25. (previously presented) The device of claim 22 wherein:

the at least one molding element comprises at least two molding elements.

26. (previously presented) The device of claim 22, wherein:

the molding device further includes at least one lateral molding element.

27. (previously presented) The device of claim 22, wherein:

the first molding element is formed by a compacting and guiding unit, which, together with the conveyor unit, compacts the insulation material or transports it at an upper side.

28. (previously presented) The device of claim 27, wherein:

the compacting and guiding unit comprises a flight belt.

29. (previously presented) The device of claim 24, wherein:

the first molding element and/or the second molding element are engineered as attachable elements for the conveyor unit or a compacting and guiding unit, which, together with the conveyor unit, compacts the insulation material or transports it at an upper side.

30. (previously presented) The device of claim 29, wherein:

the attachable elements and the conveyor unit are engineered as metal components that have the form of gratings or are provided with ventilation channels.

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- 31. (previously presented) The device of claim 30, wherein: the components are made of heat-resistant materials.
- 32. (previously presented) The device of claim 30, wherein: the components are segmented.
- 33. (previously presented) The device of claim 29, wherein: the attachable elements for attachment to the conveyor and/or compacting and guiding unit have quick-release closures.
- 34. (previously presented) The device of claim 24, wherein:
 the first and/or second molding element is arranged such that with respect to a
 conveying plane of the conveyor unit, its molding surface is inclined about a longitudinal
 transport axis.
- 35. (previously presented) The device of claim 20, wherein: the molding element of the molding device is engineered as an endless loop.
- 36. (previously presented) The device of claim 35, wherein: the endless loop includes a plurality of successive segments.
- 37. (previously presented) The device of claim 20, wherein: the molding element is engineered such that a differing degree of compaction is obtained over a breadth of the molding surface.
- 38. (previously presented) The device of claim 20, wherein: the molding element has a contoured molding surface.

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39. (previously presented) The device of claim 38, wherein: the contoured molding surface comprises an inclined planar surface.

- 40. (previously presented) The device of claim 38, wherein: the contoured molding surface comprises grooves and/or projections.
- 41. (previously presented) A method of producing insulation elements made of mineral wool containing curable binder, comprising:

depositing insulation material on a conveyor;

curing and transporting the insulation material through a curing oven;

subjecting sections of the insulation material to controlled compaction in such a manner that at least one permanent impression and/or deformation is produced in the insulation blanket while the insulation material is curing during its passage through the curing oven.

- 42. (previously presented) The method of claim 41, wherein: the curing oven comprises a tunnel furnace.
- 43. (previously presented) The method of claim 41, wherein: the mineral wool is rock wool.
- 44. (previously presented) The method of claim 41, wherein: the mineral wool is glass wool.
- 45. (previously presented) The method of claim 41, further including: providing the insulation material with a non-rectangular cross-sectional profile before or during curing.
- 46. (previously presented) The method of claim 45, wherein: the cross-sectional profile comprises at least one depression or projection.

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47. (previously presented) The method of claim 46, wherein:

the cross-sectional profile of the insulation element displays two parallel recesses in one surface.

48. (previously presented) The method of claim 41, wherein:

during the step of subjecting sections of the insulation material to controlled compaction, the insulation material is compacted to varying degrees, whereby a density within the insulation elements varies accordingly.

49-52. (canceled)